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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/870,029
; FILING DATE: 17-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Holliday C. Heine, Ph.D.
; REGISTRATION NUMBER: 34,346
; REFERENCE/DOCKET NUMBER: DFCC-230BX
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-2290
; TELEFAX: (617) 451-0313
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 205 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-016-649-2

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Query Match          100.0%; Score 591; DB 2; Length 205;
Best Local Similarity 100.0%; Pred. No. 1.5e-61;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 60
        |||
Db      21 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 80

Qy      61 SFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLGKVILRVT 107
        |||
Db      81 SFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLGKVILRVT 127

```

## RESULT 5

US-09-949-002-362

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; Sequence 362, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 362
; LENGTH: 205
; TYPE: PRT
; ORGANISM: Human
US-09-949-002-362

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Query Match          100.0%; Score 591; DB 2; Length 205;
Best Local Similarity 100.0%; Pred. No. 1.5e-61;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      1 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 60
        |||
Db      21 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 80

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SQ Sequence 205 AA;

Query Match 100.0%; Score 591; DB 2; Length 205;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-54;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      21 PEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNG 80

Qy      61 SFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLGKVLIRVT 107
        ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      81 SFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLGKVLIRVT 127
  
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# RESULT 5

ABP53534

ID ABP53534 standard; protein; 205 AA.

XX

AC ABP53534;

XX

DT 13-DEC-2002 (first entry)

XX

DE Human CD83 protein SEQ ID NO:2.

XX

KW Human; CD83; HuR; anti-HIV; human immunodeficiency virus; antiallergic;  
 KW immunosuppressive; antiinflammatory; antiasthmatic; neuroprotective;  
 KW dermatological; antipsoriatic; antirheumatic; antiarthritic; allergy;  
 KW dendritic cell; cytotoxic T cell; helper T cell; asthma; psoriasis;  
 KW autoimmune disease; myasthenia gravis; systemic lupus erythematosus;  
 KW multiple sclerosis; skin disease; acquired immunodeficiency syndrome;  
 KW AIDS; rheumatoid arthritis; organ transplant rejection.

XX

OS Homo sapiens.

XX

PN GB2370273-A.

XX

PD 26-JUN-2002.

XX

PF 20-DEC-2000; 2000GB-00031145.

XX

PR 20-DEC-2000; 2000GB-00031145.

XX

PA (VIAX-) VIAXXEL BIOTECH GMBH.

XX

PI Hauber J, Prechtel AT;

XX

DR WPI; 2002-638103/69.

DR

XX

PT Novel compound that specifically blocks binding between member of HuR  
 PT family of proteins and mRNA encoding member of CD83 family of proteins,  
 PT reduces expression of member of CD83 family of proteins in cell.

XX

PS Disclosure; Page 66-67; 117pp; English.

XX

CC The present invention describes a compound (I) that specifically blocks  
 CC binding between a member of the HuR family of proteins and a mRNA  
 CC encoding a member of the CD83 family of proteins, and reduces expression  
 CC of a member of the CD83 family of proteins in the cell. (I) has anti-HIV  
 CC (human immunodeficiency virus), immunosuppressive, antiinflammatory,